

NM EQIP FY 2004 Ranking Criteria Worksheet - Irrigated Cropland - Lordsburg F.O.

Applicant_____ Farm No._____ Tract No._____ CMS Field No's._____ Date_____

Tribal Land_____ Non-Tribal Land_____ Preliminary____ Final_____

1. Water Quantity - 400 Potential Points (60% of Total)

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency times four (4). Total equals "After" minus "Benchmark" pts.			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
			Exact		
			FIRS		
			Percentage Multiplied		
			By		
			4		
1. Water Quantity			Total		

2. Water Quality - 40 Potential Points (6% of Total)

A. Surface Water Pollutants - 20 Maximum Points			
There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of the field to the nearest live waters or re-entry point into a shared system. If there is no run-off, after points will be 0.			
Distance of Surface Run-Off to Live Water	Potential Points	Benchmark Points	After Points
<100 Feet	20	0	
101 - 500 Ft.	15	0	
501 - 1,320 Ft.	10	0	
1,321 - 2,640 Ft.	5	0	
>2,640 Feet	0	0	
A. Surface Water		Total	0
B. Ground Water Pollutants - 20 Maximum Points			
There is a probability that irrigation water containing salt, pesticides, and/or other nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and/or direct flow into wells. Points will be awarded based on depth to the water table or elimination of any direct discharge to ground water (regardless of depth to the water table).			
Depth to Water Table	Potential Points	Benchmark Points	After Points
1 - 10 Ft or elimination of any direct discharge into ground water.	20	0	
10 - 50 Ft.	15	0	
50 -100 Ft.	10	0	
>100 Ft.	5	0	
B. Ground Water		Total	0
2. Water Quality		Total	

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3. Selected Conservation Practice(s) - 170 Potential Points (25% of Total)

Any practice used in the ranking criteria and intended to be included in the conservation schedule of operations must be cost-shared or have an incentive payment. Higher priority (value) should be given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Select resource concerns from NM Quality Criteria Guide. Some example practices are listed below. Other practices that may apply to some resource concerns are 320, 340, 380, 388, 428a, 464, 600, 612. A maximum of 2 "Other Applicable Practices" will be eligible for points.	Potential Points	Percent of Need to be Installed	After Points
Soil Erosion - Irrigation Induced			
Irrigation System - Trickle (441)	20		
Irrigation System - Sprinkler (442)	15		
Other Applicable Practices Listed Above	5 each		
Water Quality - Ground Water Contaminants			
Irrigation System - Trickle (441)	20		
Irrigation System - Sprinkler (442)	15		
Irrigation Water Conveyance - Pipeline (430)	10		
Other Applicable Practices Listed Above	5 each		
Water Quantity - Restricted Capacity from Sediment Deposition			
Irrigation System - Trickle (441)	20		
Irrigation System - Sprinkler (442)	15		
Irrigation Water Conveyance - Pipeline (430)	10		
Other Applicable Practices Listed Above	5 each		
Air - Quality - Airborne Sediment Causing Safety Problems			
Other Applicable Practices Listed Above	5 each		
Plants - Establishment, Growth, and Harvest			
Irrigation System - Trickle (441)	20		
Irrigation System - Sprinkler (442)	15		
Irrigation Water Conveyance - Pipeline (430)	10		
Other Applicable Practices Listed Above	5 each		
Animals - Habitat - Cover and Shelter			
Other Applicable Practices Listed Above	5 each		
3. Selected Conservation Practices	Total		

4. Other Considerations - 57 Potential Points (9% of Total)

	Potential Points	Benchmark Points	After Points
A. At risk species habitat will be enhanced. (List the species impacted)	27	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	10	0	
C. Treatment of this land could enhance the benefits of an active/planned section 319 project.	10	0	
D. The land is within a NMED designated Category I watershed.	10	0	
4. Other Considerations	Total	0	

Total Points (After minus Benchmark): Sec 1____ Sec 2____ Sec 3____ Sec 4____ Worksheet Total____

Designated Conservationist _____

Date _____

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Attachment 4 of 8 to New Mexico Bulletin No. 300-4-03